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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/887,543	06/21/2001	Michel Sayag	SAY1P004	5819
22434	7590	10/14/2003	EXAMINER	
BEYER WEAVER & THOMAS LLP P.O. BOX 778 BERKELEY, CA 94704-0778			HANNAHER, CONSTANTINE	
			ART UNIT	PAPER NUMBER
			2878	

DATE MAILED: 10/14/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/887,543	SAYAG, MICHEL	
	<b>Examiner</b>	<b>Art Unit</b>	
	Constantine Hannaher	2878	

-- **Th MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 18 January 2002.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-129 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-129 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                             | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)         | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### **Election/Restrictions**

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
  - I. Claims 1-60, drawn to a storage medium readout method and apparatus in which emission in a region separate from that which is stimulated is detected, classified in class 250, subclass 584.
  - II. Claims 61-63, drawn to a storage phosphor plate with energy-absorbing dye, classified in class 250, subclass 484.4.
  - III. Claim 64, drawn to a combination reciting the invention of Group II, classified in class 250, subclass 584.
  - IV. Claims 65 and 66, drawn to a storage phosphor plate on a foam layer, classified in class 250, subclass 484.4.
  - V. Claim 67, drawn to a combination reciting the invention of Group IV, classified in class 250, subclass 584.
  - VI. Claims 68-71, drawn to a fiber optic transmission medium with doped glass, classified in class 385, subclass 120.
  - VII. Claim 72, drawn to a combination reciting the invention of Group VI, classified in class 250, subclass 584.
  - VIII. Claims 73 and 74, drawn to a fiber optic transmission medium with dyed plastic, classified in class 385, subclass 120.
  - IX. Claim 75, drawn to a combination reciting the invention of Group VIII, classified in class 250, subclass 584.

- X. Claims 76-78, drawn to a fiber optic transmission medium with reflective material, classified in class 385, subclass 120.
- XI. Claim 79, drawn to a combination reciting the invention of Group X, classified in class 250, subclass 584.
- XII. Claims 80-83, drawn to a front illuminated CCD with an interference coating, classified in class 250, subclass 214R.
- XIII. Claim 84, drawn to a combination reciting the invention of Group XII, classified in class 250, subclass 584.
- XIV. Claim 85, drawn to a CCD with a multi-pinned phase output register in burst mode, classified in class 348, subclass 243.
- XV. Claim 86, drawn to a combination reciting the invention of Group XIV, classified in class 250, subclass 584.
- XVI. Claim 87, drawn to a linear CCD with width and specified readout amplifier, classified in class 257, subclass 234.
- XVII. Claim 88, drawn to a combination reciting the invention of Group XVI, classified in class 250, subclass 584.
- XVIII. Claims 89 and 90, drawn to a CCD with dual corresponding rows and shift registers, classified in class 257, subclass 231.
- XIX. Claim 91, drawn to a combination reciting the invention of Group XVIII, classified in class 250, subclass 584.
- XX. Claims 92 and 93, drawn to a CCD with a single corresponding row and shift register, classified in class 257, subclass 234.

- XXI. Claim 94, drawn to a combination reciting the invention of Group XX, classified in class 250, subclass 584.
- XXII. Claims 95-97, drawn to a method of collecting energy from a rectilinearly scanned storage medium, classified in class 250, subclass 585.
- XXIII. Claims 98 and 99, drawn to a photodetector array and adhered optical transmission medium, classified in class 250, subclass 214.1.
- XXIV. Claims 100-121, drawn to an x ray image capture and readout system with specific actuator assembly for scanning, classified in class 250, subclass 584.
- XXV. Claims 122-124, drawn to a radiographic cassette for detecting auxiliary information, classified in class 378, subclass 162.
- XXVI. Claim 125 and 126, drawn to a x ray image capture and readout system with data transmission, classified in class 250, subclass 584.
- XXVII. Claim 127, drawn to a CCD with specified isolation regions, classified in class 257, subclass 234.
- XXVIII. Claim 128, drawn to a CCD with configured and operable shift register, classified in class 348, subclass 316.
- XXIX. Claim 129, drawn to a method of reading charge packets in a CCD, classified in class 257, subclass 234.
2. The inventions are distinct, each from the other because of the following reasons:
- Inventions I | III | V | VII | IX | XI | XIII | XV | XVII | XIX | XXI | XXIV | XXVI and II | IV | VI | VIII | X | XII | XIV | XVI | XVIII | XX | XXII | XXIII | XXV | XXVII | XXVIII | XXIX are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as

claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because although combination claims recite the subcombination, the evidence of one or more other independent claims shows that the particular subcombination is not required. The subcombination has separate utility such as non-integrated readout apparatus, non-scanning readout apparatus, transmission of images recorded in other ways, television cameras, and the like.

Inventions I and XXII and XXVI are related but capable of separate manufacture, use, or sale as claimed, and are not obvious in view of each other. The claims do not define the same essential characteristics of a *single* disclosed embodiment of an invention.

3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

4. Because these inventions are distinct for the reasons given above and the search required for Group (multiple) is not required for Group (multiple), restriction for examination purposes as indicated is proper.

5. A telephone call was *not* made to request an oral election to the above restriction requirement in view of the complexity of the requirement.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

**Conclusion**

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Constantine Hannaher whose telephone number is (703) 308-4850. The examiner can normally be reached on Monday-Friday with flexible hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David P. Porta can be reached on (703) 308-4852. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

ch

  
Constantine Hannaher  
Primary Examiner